```
=> d his full

     (FILE 'HOME' ENTERED AT 08:49:13 ON 18 OCT 2005)

     FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, DISSABS, EMBASE' ENTERED
     AT 08:49:24 ON 18 OCT 2005
L1             7 SEA ABB=ON  PLU=ON  NANOPORES AND DNA AND SEQUENCE
L2             0 SEA ABB=ON  PLU=ON  NANOPORES AND DNA AND SEQUENCE
L3             0 SEA ABB=ON  PLU=ON  NANOPORES AND DNA AND SEQUENCE
L4            38 SEA ABB=ON  PLU=ON  NANOPORES AND DNA AND SEQUENCE
L5             6 SEA ABB=ON  PLU=ON  NANOPORES AND DNA AND SEQUENCE
L6             2 SEA ABB=ON  PLU=ON  NANOPORES AND DNA AND SEQUENCE
L7            10 SEA ABB=ON  PLU=ON  NANOPORES AND DNA AND SEQUENCE
     TOTAL FOR ALL FILES
L8            63 SEA ABB=ON  PLU=ON  NANOPORES AND DNA AND SEQUENCE
L9            20 SEA ABB=ON  PLU=ON  NANOPORE AND DNA AND SEQUENCE
L10            0 SEA ABB=ON  PLU=ON  NANOPORE AND DNA AND SEQUENCE
L11            0 SEA ABB=ON  PLU=ON  NANOPORE AND DNA AND SEQUENCE
L12           58 SEA ABB=ON  PLU=ON  NANOPORE AND DNA AND SEQUENCE
L13           11 SEA ABB=ON  PLU=ON  NANOPORE AND DNA AND SEQUENCE
L14            4 SEA ABB=ON  PLU=ON  NANOPORE AND DNA AND SEQUENCE
L15           18 SEA ABB=ON  PLU=ON  NANOPORE AND DNA AND SEQUENCE
     TOTAL FOR ALL FILES
L16          111 SEA ABB=ON  PLU=ON  NANOPORE AND DNA AND SEQUENCE
                 D L14 1- TI
                 D L14 1- IBIB ABS
L17          204 SEA ABB=ON  PLU=ON  NANOPORE
L18            3 SEA ABB=ON  PLU=ON  NANOPORE
L19           12 SEA ABB=ON  PLU=ON  NANOPORE
L20         1680 SEA ABB=ON  PLU=ON  NANOPORE
L21           97 SEA ABB=ON  PLU=ON  NANOPORE
L22           52 SEA ABB=ON  PLU=ON  NANOPORE
L23          114 SEA ABB=ON  PLU=ON  NANOPORE
     TOTAL FOR ALL FILES
L24         2162 SEA ABB=ON  PLU=ON  NANOPORE
L25            6 SEA ABB=ON  PLU=ON  NANOPORE AND FLUORESCENCE
L26            0 SEA ABB=ON  PLU=ON  NANOPORE AND FLUORESCENCE
L27            0 SEA ABB=ON  PLU=ON  NANOPORE AND FLUORESCENCE
L28           35 SEA ABB=ON  PLU=ON  NANOPORE AND FLUORESCENCE
L29            2 SEA ABB=ON  PLU=ON  NANOPORE AND FLUORESCENCE
L30            3 SEA ABB=ON  PLU=ON  NANOPORE AND FLUORESCENCE
L31            3 SEA ABB=ON  PLU=ON  NANOPORE AND FLUORESCENCE
     TOTAL FOR ALL FILES
L32           49 SEA ABB=ON  PLU=ON  NANOPORE AND FLUORESCENCE
                 D L31 1- TI


     FILE HOME

     FILE MEDLINE
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FILE 'HOME' ENTERED AT 08:49:13 ON 18 OCT 2005

=> fil .cluster1
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.21       0.21

FILE 'MEDLINE' ENTERED AT 08:49:24 ON 18 OCT 2005

FILE 'AGRICOLA' ENTERED AT 08:49:24 ON 18 OCT 2005

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=> nanopores and dna and sequence
L1             7 FILE MEDLINE
L2             0 FILE AGRICOLA
L3             0 FILE CABA
L4            38 FILE CAPLUS
L5             6 FILE BIOSIS
L6             2 FILE DISSABS
L7            10 FILE EMBASE

TOTAL FOR ALL FILES
L8            63 NANOPORES AND DNA AND SEQUENCE

=> nanopore and dna and sequence
L9            20 FILE MEDLINE
L10            0 FILE AGRICOLA
L11            0 FILE CABA
L12           58 FILE CAPLUS
L13           11 FILE BIOSIS
L14            4 FILE DISSABS
L15           18 FILE EMBASE

TOTAL FOR ALL FILES
L16          111 NANOPORE AND DNA AND SEQUENCE

=> d l14 1- ti
YOU HAVE REQUESTED DATA FROM 4 ANSWERS - CONTINUE? Y/(N):y

L14  ANSWER 1 OF 4  DISSABS COPYRIGHT (C) 2005 ProQuest Information and
     Learning Company; All Rights Reserved on STN
TI   Single-molecule experiments on DNA with novel silicon
     nanostructures

L14  ANSWER 2 OF 4  DISSABS COPYRIGHT (C) 2005 ProQuest Information and
     Learning Company; All Rights Reserved on STN
TI   Unzipping double-stranded DNA molecule by molecule through a
     nanopore
```

L14 ANSWER 3 OF 4 DISSABS COPYRIGHT (C) 2005 ProQuest Information and Learning Company; All Rights Reserved on STN
TI Analysis of single **DNA** molecules using a **nanopore** detector

L14 ANSWER 4 OF 4 DISSABS COPYRIGHT (C) 2005 ProQuest Information and Learning Company; All Rights Reserved on STN
TI The development of a nanoscale Coulter counter for rapid genetic **sequence** recognition

```
=> nanopore and dna and sequence
            62 NANOPORE
            53 NANOPORES
            96 NANOPORE
                 (NANOPORE OR NANOPORES)
       1087824 DNA
         11737 DNAS
       1089755 DNA
                 (DNA OR DNAS)
        445100 SEQUENCE
        205540 SEQUENCES
        540372 SEQUENCE
                 (SEQUENCE OR SEQUENCES)
L3          11 NANOPORE AND DNA AND SEQUENCE
=> d l3 1- ti py
YOU HAVE REQUESTED DATA FROM 11 ANSWERS - CONTINUE? Y/(N):
YOU HAVE REQUESTED DATA FROM 11 ANSWERS - CONTINUE? Y/(N):y

L3   ANSWER 1 OF 11  BIOSIS  COPYRIGHT (c) 2005 The Thomson Corporation  on STN
TI   A parallel graph decomposition algorithm for DNA sequencing with
     nanopores.
PY   2005

L3   ANSWER 2 OF 11  BIOSIS  COPYRIGHT (c) 2005 The Thomson Corporation  on STN
TI   Nanopore unzipping of individual DNA hairpin
     molecules.
PY   2004

L3   ANSWER 3 OF 11  BIOSIS  COPYRIGHT (c) 2005 The Thomson Corporation  on STN
TI   Microscopic kinetics of DNA translocation through synthetic
     nanopores.
PY   2004

L3   ANSWER 4 OF 11  BIOSIS  COPYRIGHT (c) 2005 The Thomson Corporation  on STN
TI   A nanosensor for transmembrane capture and identification of single
     nucleic acid molecules.
PY   2004

L3   ANSWER 5 OF 11  BIOSIS  COPYRIGHT (c) 2005 The Thomson Corporation  on STN
TI   Molecular dynamics simulations of a nanopore device for
     DNA sequencing.
PY   2004

L3   ANSWER 6 OF 11  BIOSIS  COPYRIGHT (c) 2005 The Thomson Corporation  on STN
TI   Single molecule measurements of DNA transport through a
     nanopore.
PY   2002

L3   ANSWER 7 OF 11  BIOSIS  COPYRIGHT (c) 2005 The Thomson Corporation  on STN
TI   Theory of sequence effects on DNA translocation
     through proteins and nanopores.
PY   2002

L3   ANSWER 8 OF 11  BIOSIS  COPYRIGHT (c) 2005 The Thomson Corporation  on STN
TI   Kinetics of duplex formation for individual DNA strands within a
     single protein nanopore.
PY   2001

L3   ANSWER 9 OF 11  BIOSIS  COPYRIGHT (c) 2005 The Thomson Corporation  on STN
TI   Sequence-specific detection of individual DNA strands
     using engineered nanopores.
PY   2001

L3   ANSWER 10 OF 11  BIOSIS  COPYRIGHT (c) 2005 The Thomson Corporation  on
     STN
TI   Nanopores and nucleic acids: Prospects for ultrarapid
     sequencing.
PY   2000
```

L3 ANSWER 11 OF 11 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

TI Rapid **nanopore** discrimination between single polynucleotide molecules.

PY 2000